

gestalt law of perceptual organization

architectural design studio 1 | universitas islam indonesia |

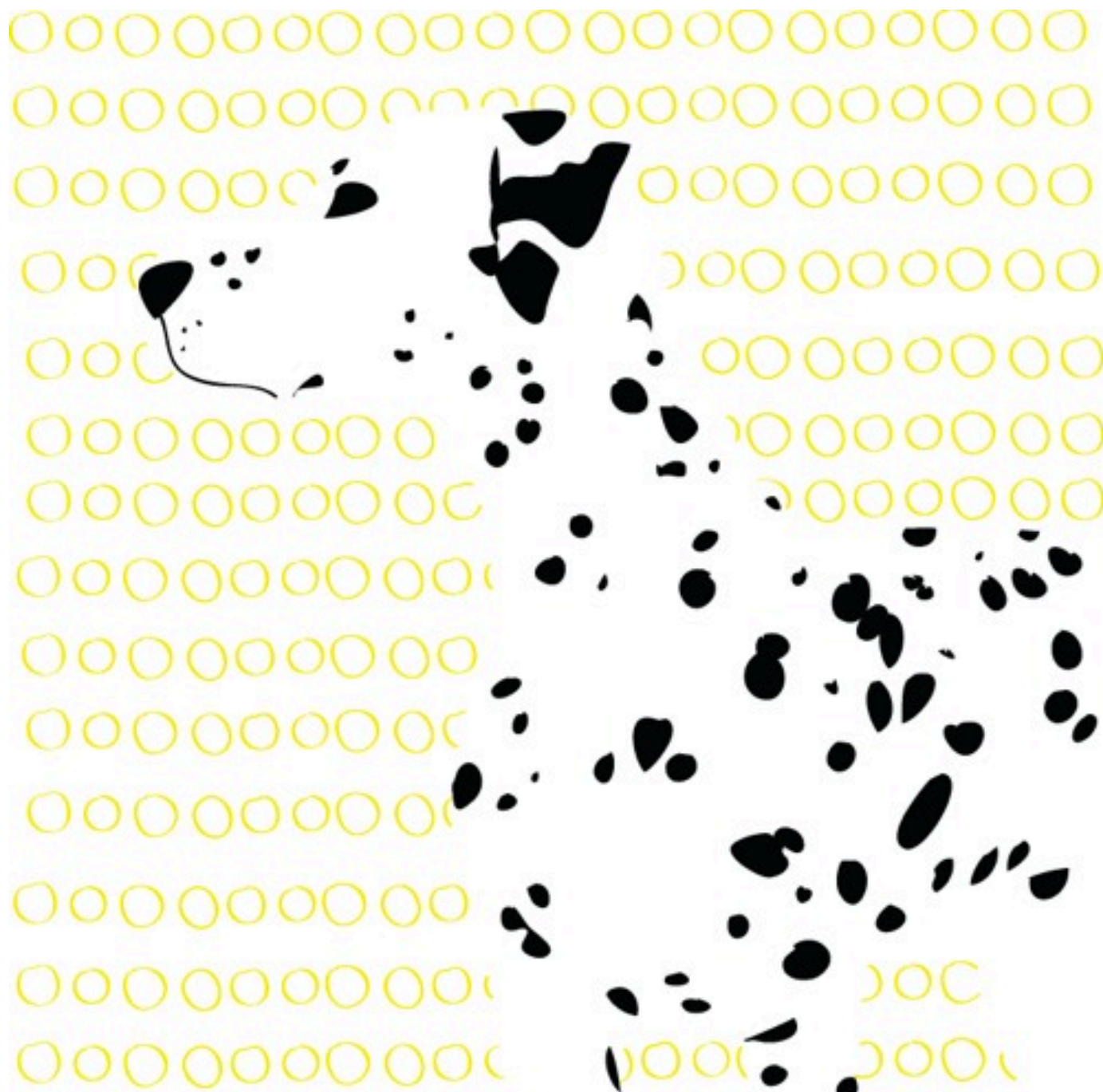
Gestalt Psychology

Gestalt, gestaltung (Ger.)

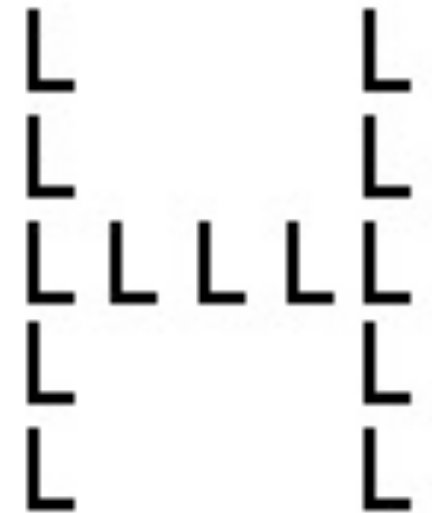
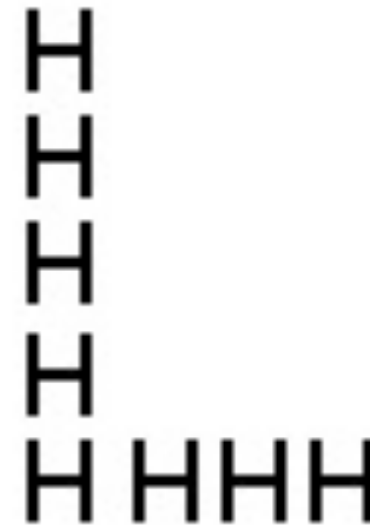
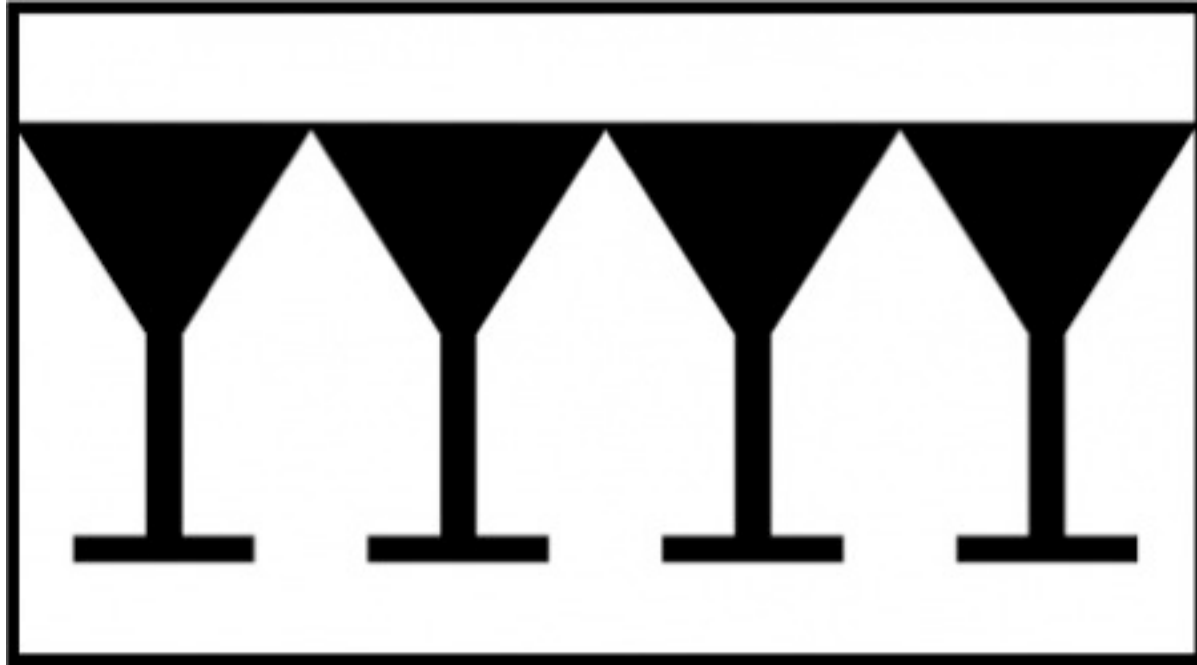
- essence or shape of an entity's complete form
- “the whole is greater than the sum of the parts”
- principles: **emergence, reification, multistability & invariance**
- **Gestalt Laws of Perceptual Organization**

Principle of Emergence

Process of complex pattern formation from simpler rules, ambiguous stimuli tend to be resolved in favor of the simplest, the entire figure or configuration).

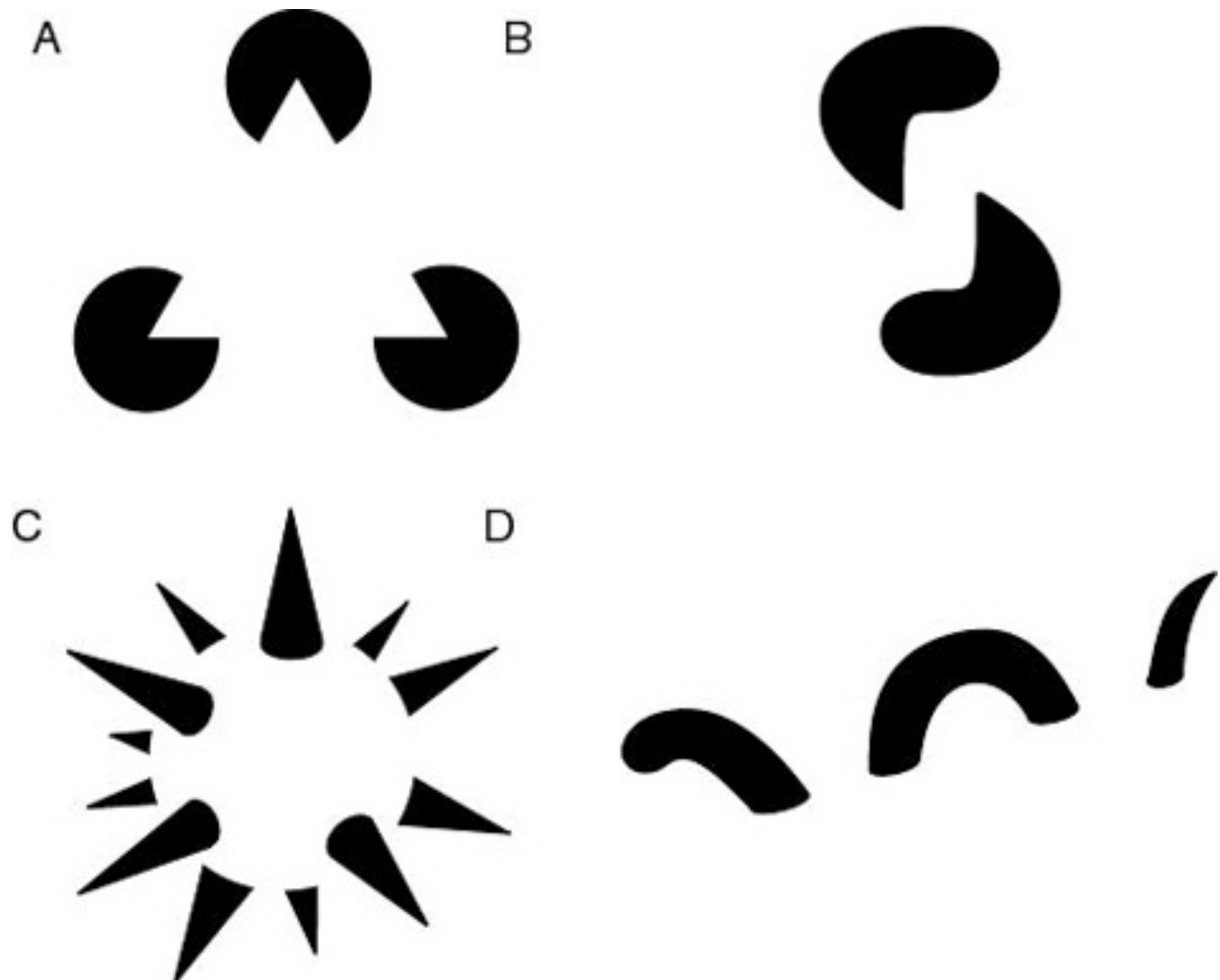


Principle of Emergence



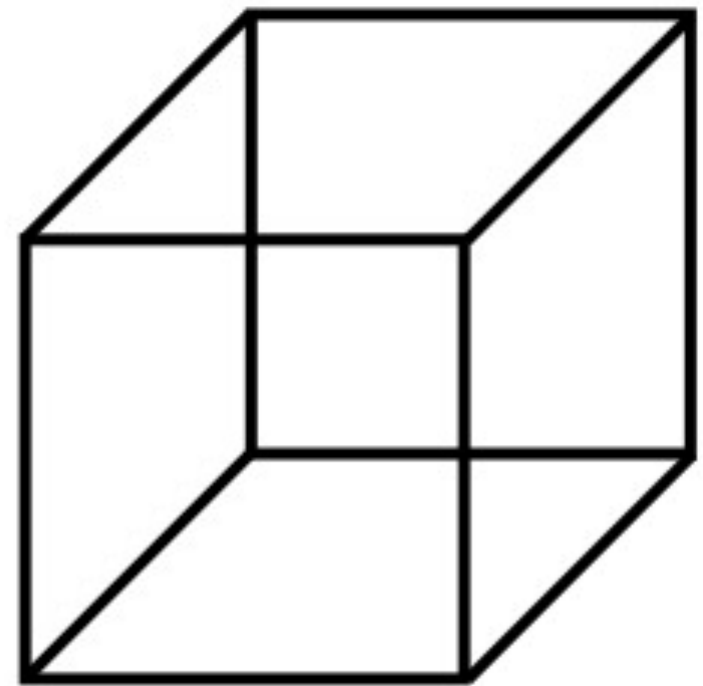
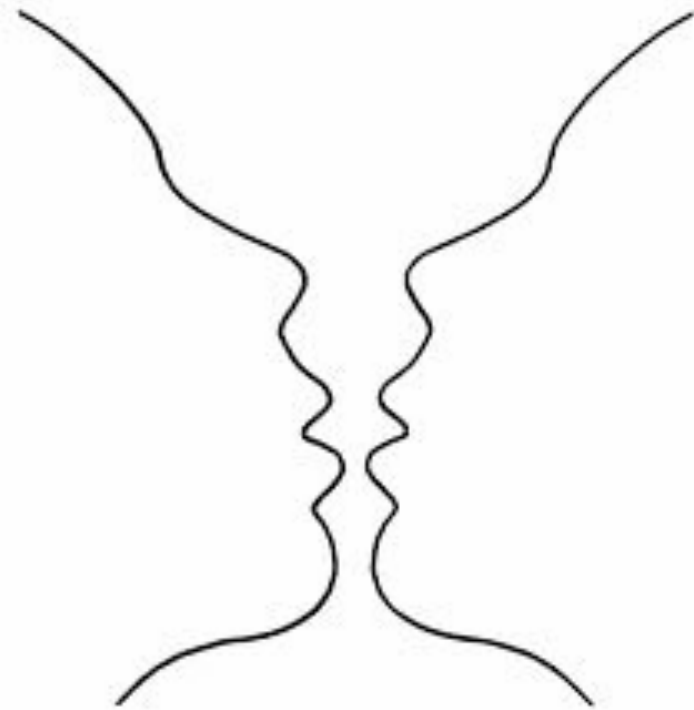
Principle of Reification

Stimulus elements that are closed together tend to be perceived as a group

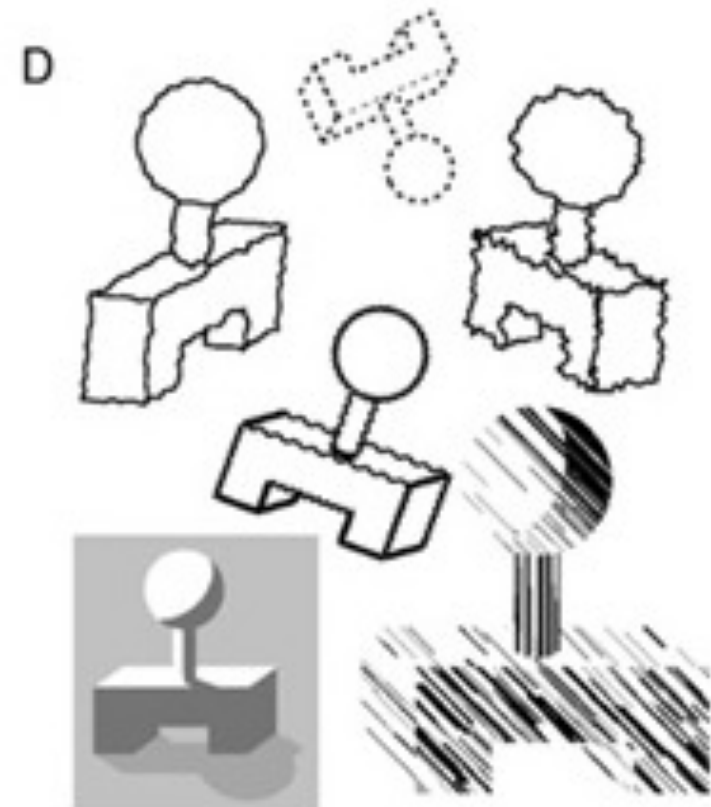
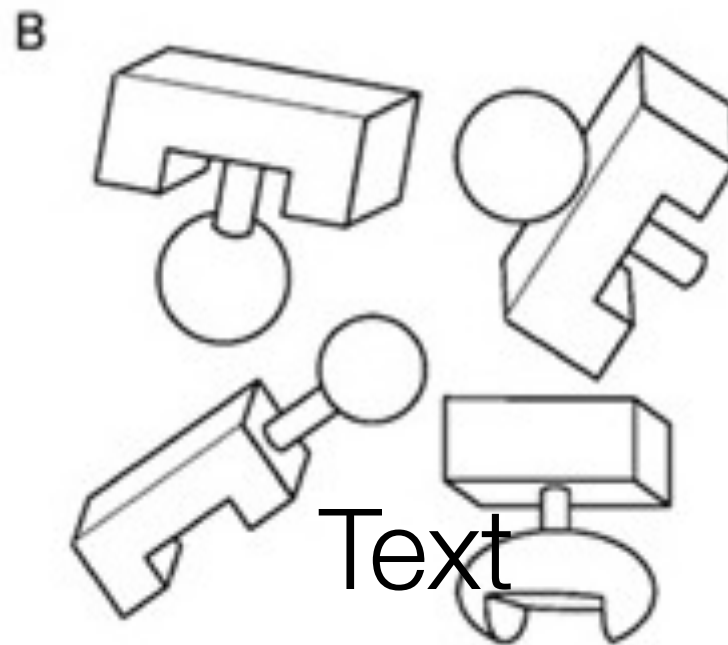
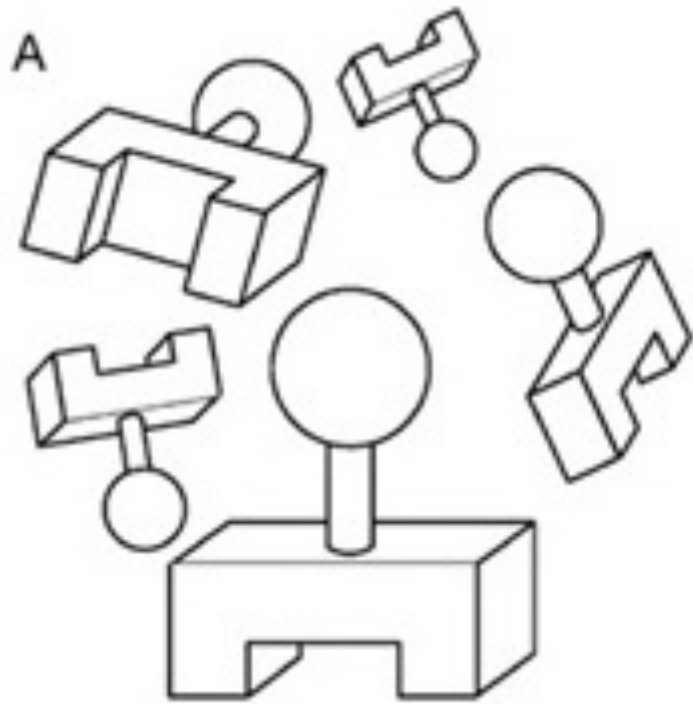


Principle of Multistability

ambiguous perceptual experiences to pop back and forth unstably between two or more alternative interpretation



Principle of Invariance

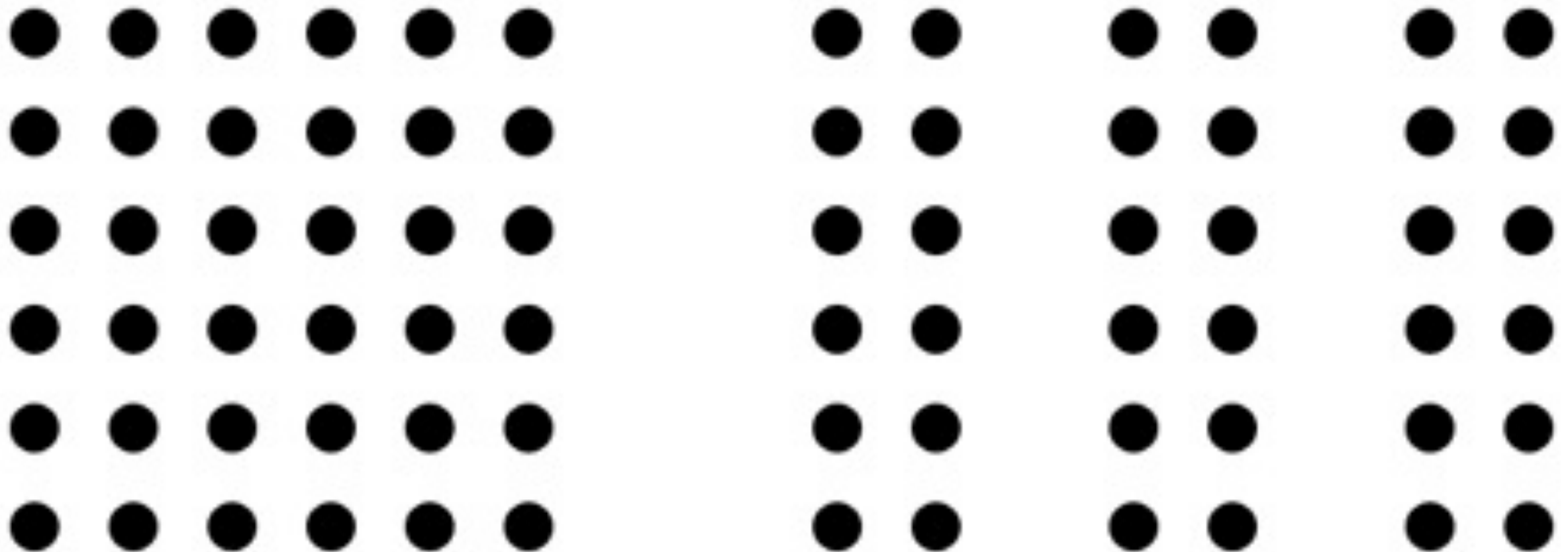


simple geometrical objects are recognized independent of rotation, translation, and scale; as well as several other variations such as elastic deformations, different lighting, and different component features

Gestalt Laws of Perceptual Organization

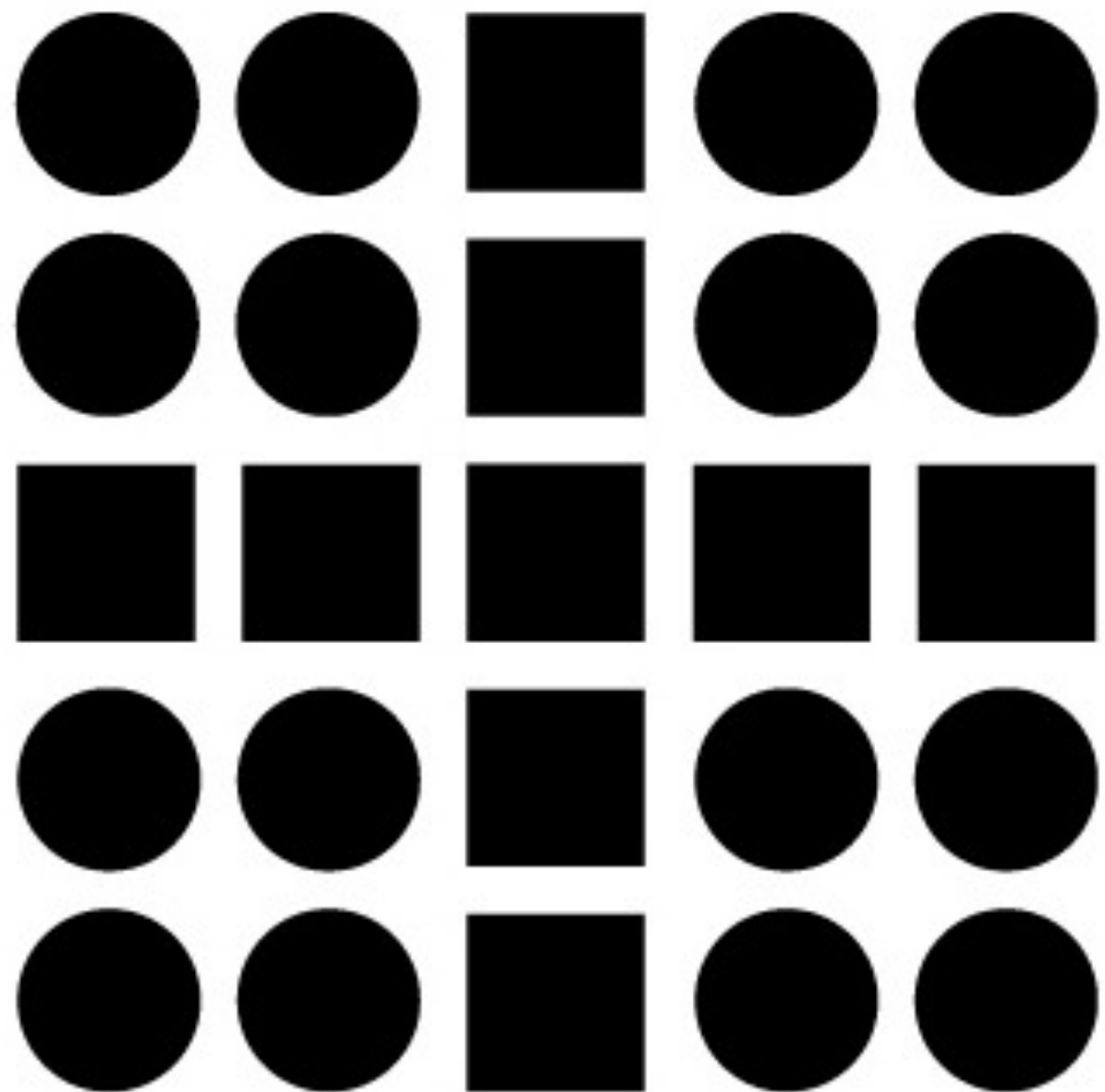
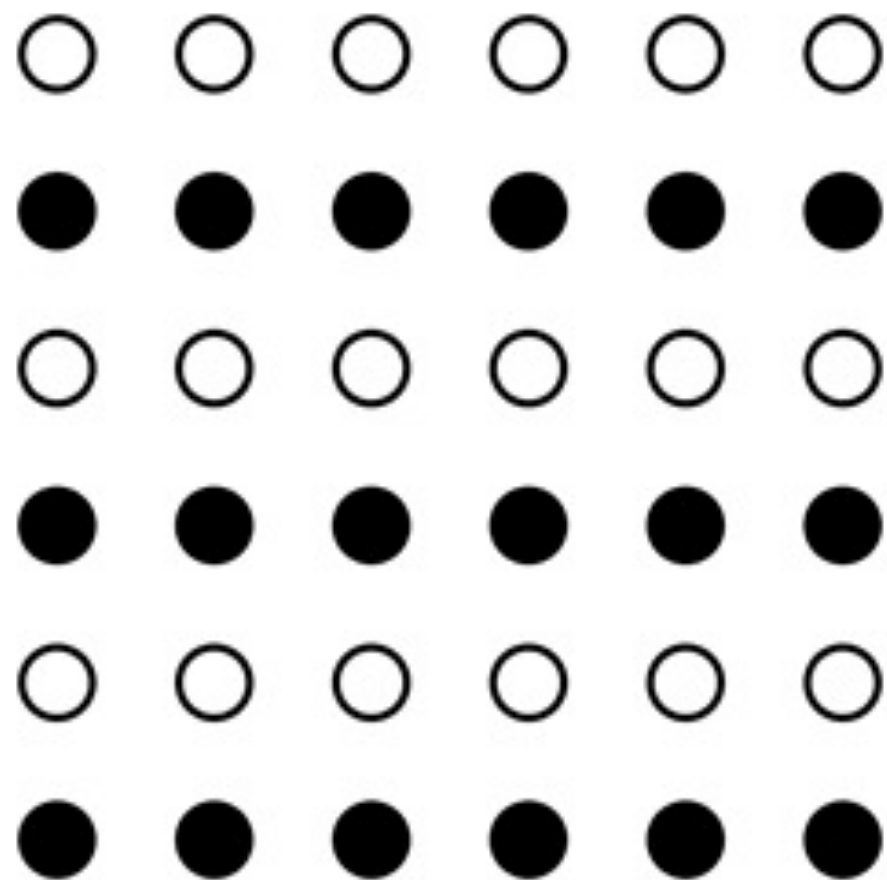
law of proximity

Stimulus elements that are closed together tend to be perceived as a group



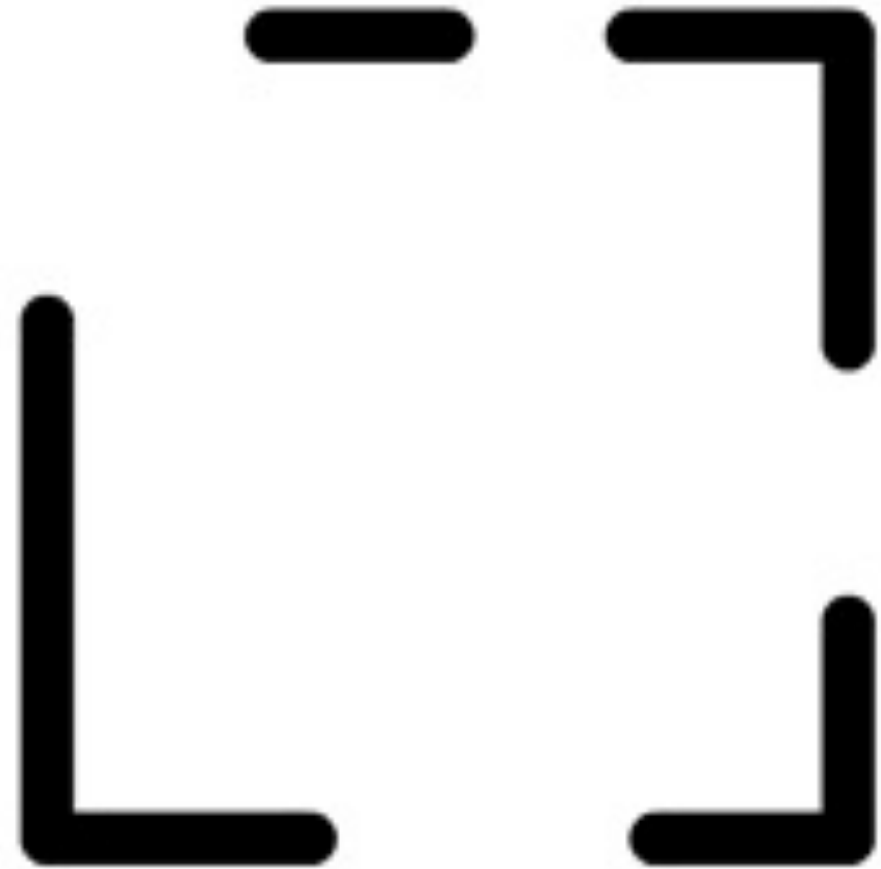
law of similarity

Similar stimuli tend to be grouped, this tendency can even dominate grouping due to proximity



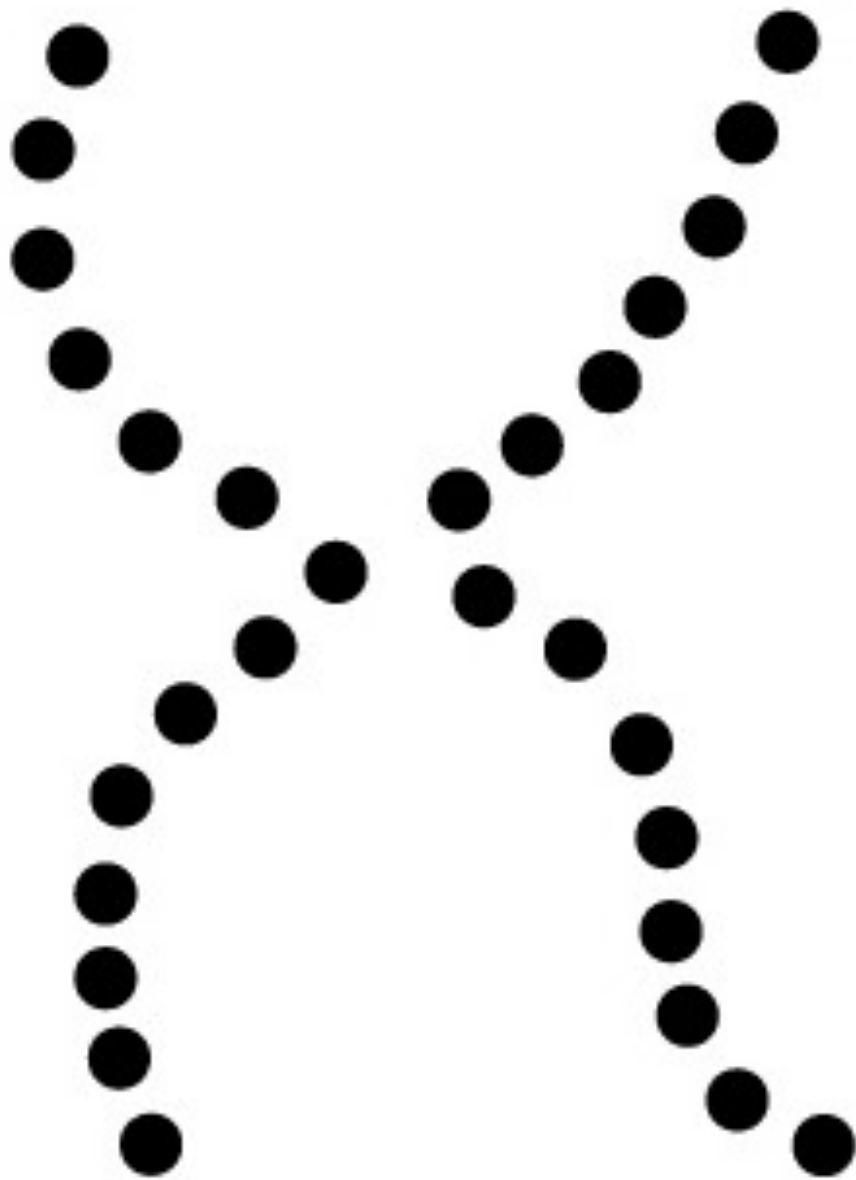
law of closure

Stimuli tend to be grouped into complete figures



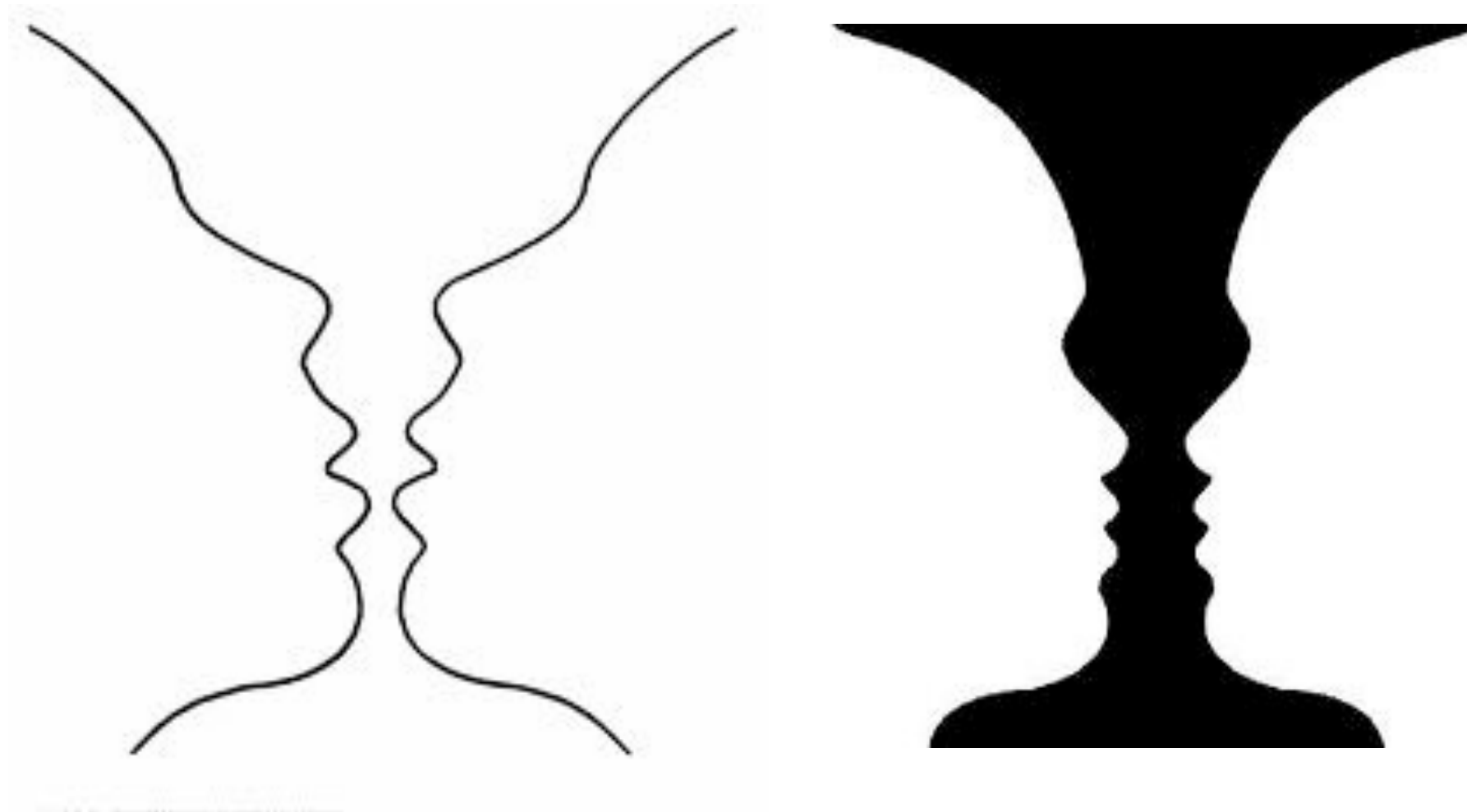
law of good continuation

Stimuli tend to be grouped as to minimize change or discontinuity



law of symmetry

Regions bound by symmetrical borders tend to be perceived as coherent figures



pedestrian/footbridge | bar-orian architect



<http://architprojects.blogspot.com/2011/12/pedestrian-footbridge-bar-orian.html>

jabal al jais bridge | Office for Metropolitan Architecture (oma)



<http://eyeofthefish.org/inhabited-bridges/>

jebel-al-jais-mountain-resort-by-oma/

art bridge | wHY architect



<http://brokensidewalk.com/2009/02/02/why-architecture-look-to-activate-the-speed-museum/>

roppe bridge |



http://www.grasshopper3d.com/photo/roppe-bridge-20?xg_source=activity

Bridge Building for the Expo 2008



<http://www.dexigner.com/news/15064>